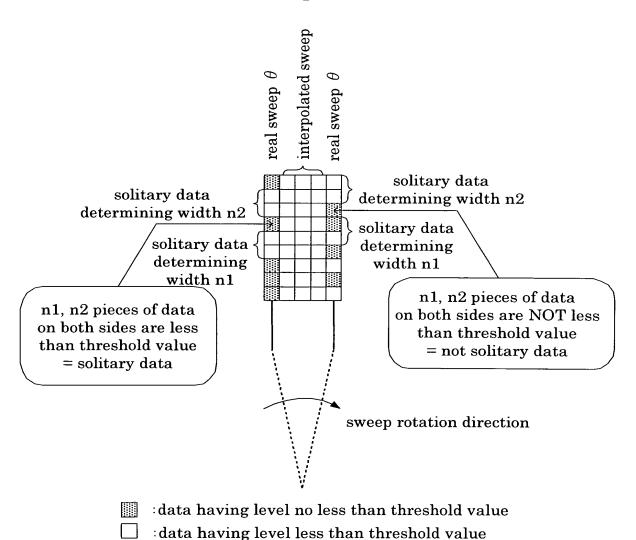
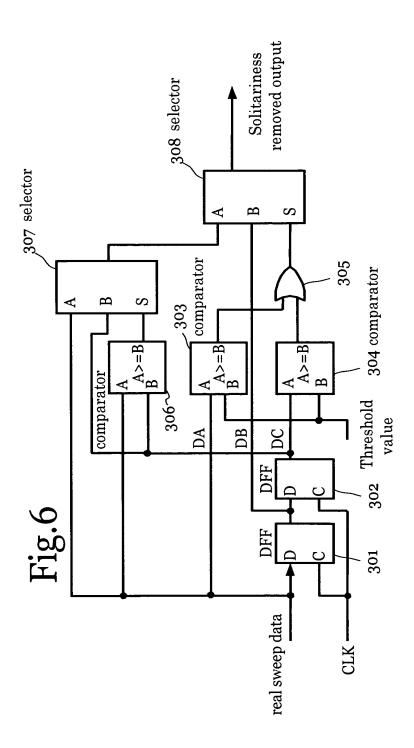


Fig.5





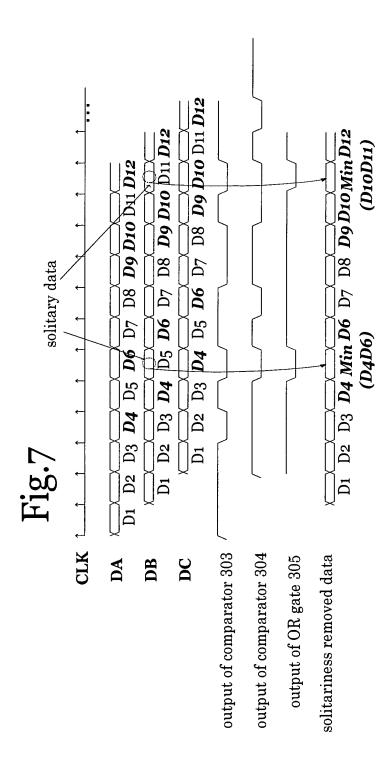
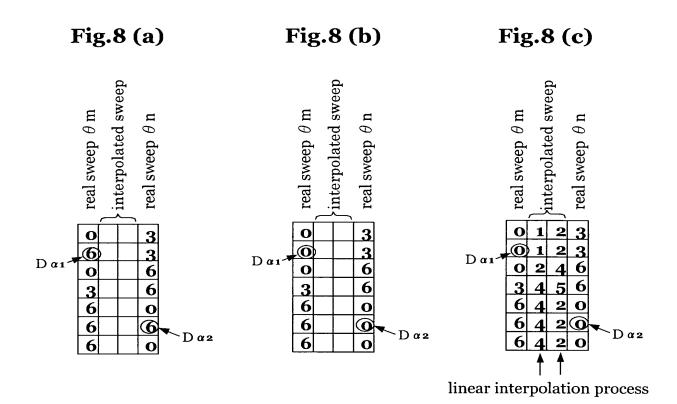


Fig.8



difference value gen. interpolated data interpolated data number gen.

Fig.9

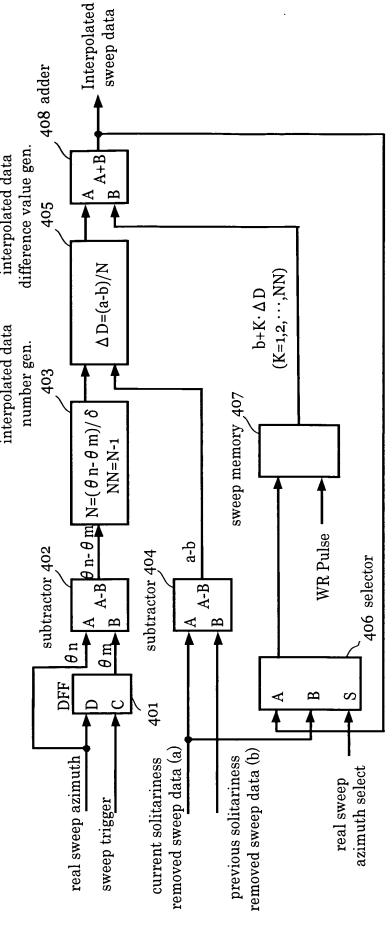


Fig.10

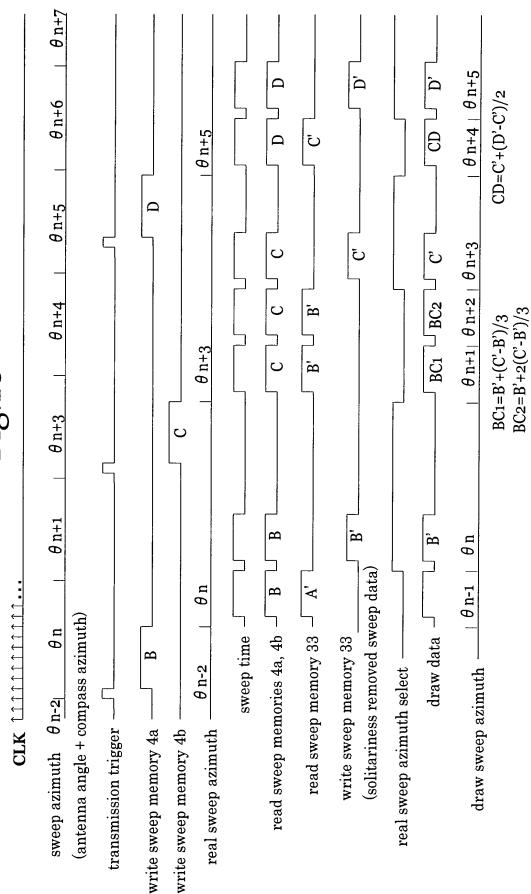
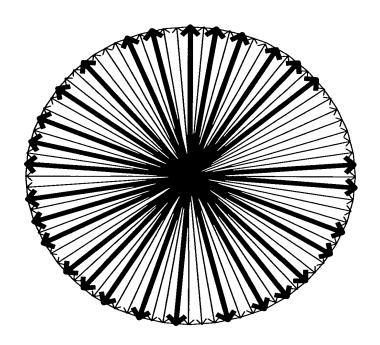
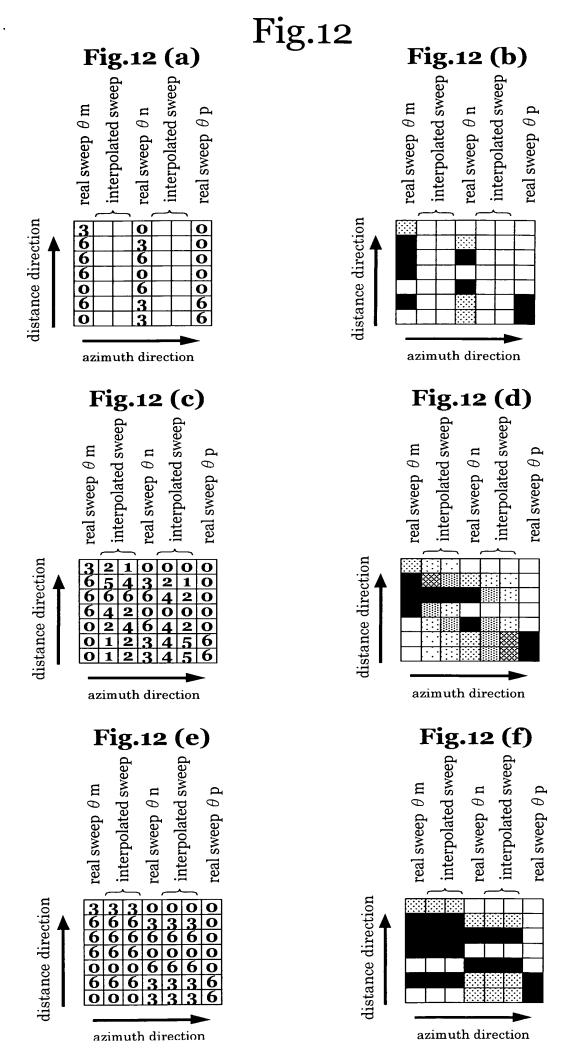


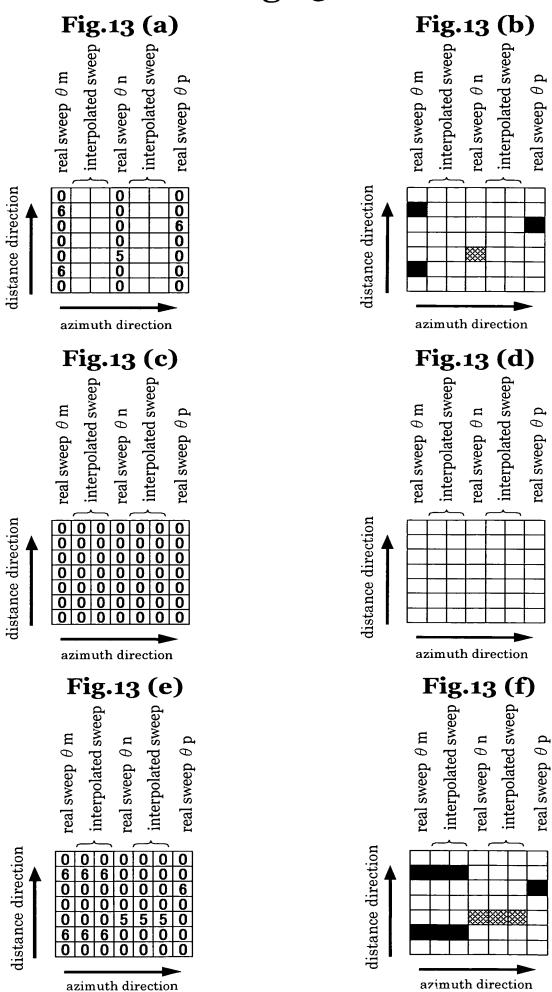
Fig.11



thick-line arrow: real sweep

thin-line arrow: interpolated sweep





 ∞ memory display image and. sweep mem. 1st. sweep mem. address gen. draw latch timing gen. receiver adder drawship's head θ_c θ_a (compass)

Fig.14

Fig.15

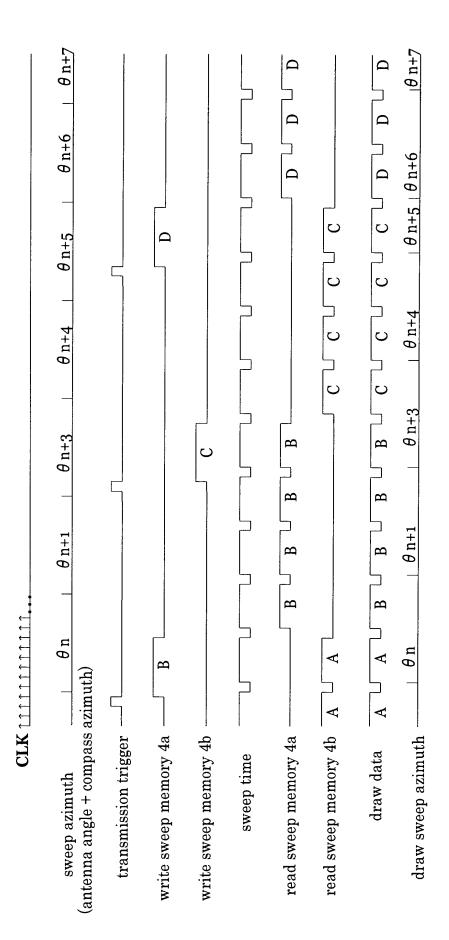
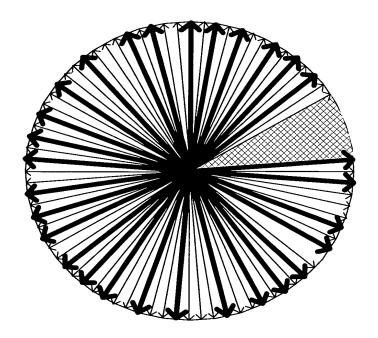


Fig.16

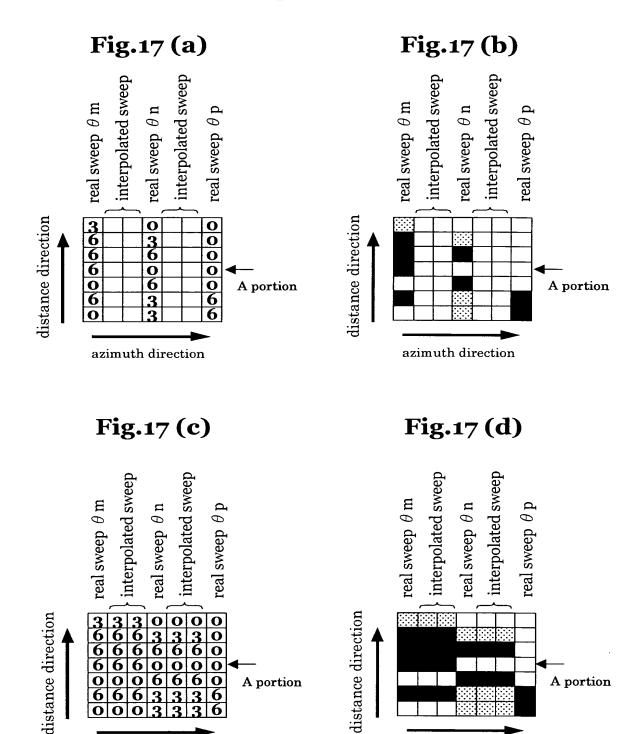


thick-line arrow: real sweep

thin-line arrow: interpolated sweep

hatched portion: non-updated data portion

Fig.17



A portion

azimuth direction

A portion

azimuth direction

Fig.18

